

# Ceramic High Pass Filter

# HFCN-740

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
1	99.38	94.42	86.56	0.01	0.01	0.01	0.01	0.01	0.01
50	75.17	70.17	62.33	0.01	0.03	0.01	0.01	0.01	0.01
100	60.96	64.99	62.79	0.00	0.03	0.02	0.01	0.02	0.02
165	59.53	59.00	57.97	0.02	0.05	0.07	0.03	0.05	0.06
285	54.75	55.02	55.00	0.09	0.15	0.16	0.07	0.10	0.14
365	58.42	59.26	60.13	0.16	0.23	0.26	0.15	0.19	0.24
415	56.14	54.07	52.91	0.22	0.31	0.35	0.19	0.26	0.31
430	49.82	48.94	47.77	0.24	0.33	0.37	0.22	0.26	0.34
460	41.68	41.00	40.27	0.32	0.41	0.49	0.27	0.35	0.41
520	29.63	29.03	28.47	0.44	0.60	0.68	0.38	0.49	0.58
550	24.44	23.85	23.32	0.56	0.76	0.88	0.53	0.67	0.79
580	19.49	18.93	18.42	0.76	0.98	1.16	0.68	0.88	1.04
610	14.81	14.32	13.83	1.13	1.41	1.67	1.01	1.25	1.49
650	9.09	8.72	8.33	2.10	2.54	3.01	1.94	2.36	2.79
695	4.30	4.22	4.07	4.83	5.61	6.52	4.65	5.35	6.19
725	2.52	2.59	2.59	7.99	8.95	10.11	7.78	8.65	9.73
740	1.96	2.10	2.14	9.84	10.83	12.05	9.63	10.57	11.66
760	1.51	1.66	1.76	12.29	13.33	14.47	12.15	13.10	14.22
780	1.24	1.40	1.52	14.51	15.52	16.45	14.44	15.42	16.33
860	0.81	0.96	1.09	18.40	18.95	18.62	18.80	19.42	19.17
900	0.74	0.88	0.99	17.87	18.26	17.76	18.22	18.63	18.15
950	0.68	0.80	0.93	17.00	17.29	16.85	17.29	17.57	17.11
1000	0.63	0.76	0.87	16.28	16.50	16.23	16.27	16.53	16.25
1400	0.34	0.45	0.54	23.16	23.39	25.01	23.34	23.68	25.34
1500	0.32	0.42	0.49	30.81	31.27	34.01	32.35	33.83	37.05
1750	0.30	0.43	0.50	19.79	19.56	19.24	19.91	19.70	19.42
1900	0.38	0.48	0.57	15.43	15.14	15.04	15.40	15.14	15.11
2000	0.45	0.58	0.66	13.45	13.11	13.09	13.38	13.08	13.14
2200	0.70	0.79	0.92	10.51	10.20	10.29	10.43	10.15	10.27
2500	1.10	1.25	1.37	7.57	7.47	7.40	7.52	7.44	7.36
2800	1.65	1.81	1.95	5.68	5.64	5.61	5.67	5.58	5.53
3000	2.12	2.25	2.40	4.73	4.73	4.81	4.74	4.70	4.73
3500	3.32	3.52	3.67	3.11	3.15	3.30	3.14	3.12	3.19
4000	4.63	4.94	5.08	2.13	2.17	2.26	2.15	2.17	2.21
4500	6.12	6.40	6.84	1.55	1.65	1.72	1.52	1.61	1.66
5000	7.60	7.94	8.41	1.05	1.24	1.33	1.09	1.26	1.30
6000	11.41	11.80	12.13	0.64	0.91	1.03	0.68	0.93	1.03
6260	13.37	14.17	14.59	0.65	0.85	1.05	0.74	0.89	1.13
6500	15.99	16.87	18.29	0.60	0.78	0.93	0.66	0.84	1.03
7040	6.58	6.57	7.61	5.64	4.67	3.33	9.07	7.17	4.76
7500	13.13	11.33	11.50	1.93	2.32	1.72	1.89	2.13	1.79

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